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# FOREIGN CROPS AND MARKETS.

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Corrections:- In the issue of Foreign Crops and Markets for October 4, 1922, Vol. 5, No. 14, page 208, the figure for the world total for rye 1922, should read 763,039 instead of 552,859 as printed.

In the issue of September 27, 1922 page 185 the figure giving the sugar yield of Louisiana for 1921-22 should read 324,431 instead of 232,900. This would change the total for all countries in North America to 5,612,405 and for all North America countries marked \* to 5,581,320. On page 185 the world total for 1922 should be 13,144,565 and the world total for all countries marked \* should be 13,113,480.

## SUMMARY OF THE CONTENTS OF THIS NUMBER

Before the war China was the greatest hog producing country in the World, having a total of about 76,819,000 hogs in 1914. The United States was second with 58,933,000.

The number of hogs in Argentina has more than doubled since 1908, amounting to 3,199,000 in 1919. Slaughtering of hogs increased rapidly from 1915 to 1920, but fell off slightly in 1921.

The number of swine in Canada was less in 1920 and 1921 than in 1918 or 1919. Swine slaughterings were less in 1920 and 1921 than they had been for the previous six years. During 1917-18 and 1918-19 about two-thirds of the pork produced was exported but in 1920-21 only a little over a third was shipped out. Great Britain takes nearly all of the Canadian surplus.

The production of frozen meat in the Brazilian state of Sao Paulo was decreasing from 1919 to 1921 while the production of chilled meat was increasing. The production of fresh meat in 1921 was not quite equal to the production of chilled meat. The production of preserved meat decreased from 1919-21. Exports of frozen meat from Sao Paulo, which probably includes exports of chilled meat indicate that nearly all the chilled and frozen meats are shipped out.

The number of hogs in Denmark in 1921 was more than twice as great as the number in 1918. Slaughterings from 1918 to 1920 were very small compared to the number normally killed. Exports of hog products from Denmark are increased, but are still below the shipments of 1914.

The United Kingdom usually imports about half of her pig meat, in some years producing more than she imports and in some years less. From 1915-16 to 1920-21 the imports have been greater than the home production. Bacon forms the bulk of the pig meat imported.

During the period from 1917 to 1920 Sweden imported more lard and pork than she exported. In 1921 her exports were more than three times as great as her imports.

In the state of South Australia the numbers of all classes of live stock were greater on June 30, 1921 than on the same date the year before.

Exports of fresh pork from the United States increased steadily from 1918 to 1921, being about five times as great in 1921 as in 1918. Lard exports from the United States for 1921 were greater than for any of the three preceding years. Exports of bacon have been decreasing since 1919, the total shipments in 1921 being only a little more than a third of those in 1919. Exports of cured hams and shoulders were greater in 1921 than in 1920. Exports of pickled pork have remained comparatively stationary in the last four years, while exports of canned pork have been decreasing.

## SUMMARY OF FOREIGN CROP PROSPECTS.

The total world wheat production is now estimated at 3,012,293,000 bushels excluding Russia and Mexico and including revised estimates of the French, German, Yugoslav and United States Crops, as compared with the previous estimate of 3,093,870,000 bushels and with the revised estimate for the same countries for last year of 3,049,074,000 bushels. The yield of wheat in France is estimated at 235,380,000 bushels as compared with 323,467,000 bushels in 1921. The German production for 1922 is estimated to be 69,670,000 bushels as against 107,798,000 bushels last year and the United States crop 810,123,000 bushels as against 794,893,000 bushels last year. A late unofficial estimate places the production of Yugoslavia at 47,800,000 bushels, a decrease of 12,200,000 bushels from the previous estimate and of 4,068,000 bushels from the yield of last year.

SMALL YIELDS OF WHEAT IN  
FRANCE, GERMANY AND THE  
UNITED STATES REDUCE THE  
WORLD TOTAL ESTIMATED  
PRODUCTION.

The total yield for Europe including revised estimates amounts to 985,650,000 bushels as compared with the previous published estimate of 1,100,991,000 bushels and the revised estimate for last year of 1,215,084,000 bushels.

Adding to the world production figures the stocks on hand in so far as they have been obtained we have a total available supply of 3,192,037,000 bushels for use in the coming year as compared with 3,273,588,000 bushels during the past year. Latest reports continue to predict a yield in Russia sufficient to supply domestic requirements.

The total rye production of 1922 for all countries for which figures are available is estimated to be about 770,152,000 bushels as compared with 770,603,000 bushels for the same countries last year. Countries for which reports are not available include Russia, Austria, Denmark, Greece, Norway and most of the countries of the southern hemisphere.

THE RYE CROP OF 1922 FOR  
EIGHTEEN COUNTRIES IS  
ABOUT THE SAME AS FOR THE  
SAME COUNTRIES LAST YEAR.

The rye crop of Germany for 1922 is estimated to be about 210,580,000 bushels, according to a cablegram from the International Institute of Agriculture, which is a decrease of 57,070,000 bushels from the production of last year.

The rye harvest of France is placed at 37,600,000 bushels as compared with 44,392,000 bushels last year. An unofficial estimate places the rye crop of Yugoslavia at 7,090,000



## SUMMARY OF FOREIGN CROP PROSPECTS, -CONT'D.

bushels which would make an increase over last year, when the yield amounted to 5,770,000 bushels.

Poor corn crops are reported in Egypt, Honduras, Italy, Rumania, and Yugoslavia. In Hungary an increased yield per acre over last year's crop is reported.

REPORTS ON THE CORN CROP  
POOR FOR THE COUNTRIES  
REPORTING EXCEPT HUNGARY.

Root crops are good in Belgium, Germany and Poland. Conditions have improved in Yugoslavia. The potato crop is normal in France and smaller than last year in Hungary.

THE CONDITIONS OF THE ROOT  
CROPS IS FAVORABLE IN  
EUROPE EXCEPT IN HUNGARY.

A cotton crop below normal is indicated by condition reports in Egypt. Conditions are good in India and Brazil.

COTTON CROP IS POORER THAN  
AVERAGE IN EGYPT.

Good apple, pear and plum crops are reported in Austria, Czechoslovakia, France, Germany, Holland and Yugoslavia. The Brazil-nut crop is good in Brazil, and the walnut crop is good in Austria. The nut crops of Italy are below normal in quantity.

FRUIT CROPS IN EUROPE  
ARE GENERALLY GOOD.

SMALL GRAINS.

Argentina.- Sowing of small grains was reported to be practically finished in Argentina by the middle of September. According to a recent cablegram the condition of the wheat crop is very good.

Australia.- A recent cabled report indicates that the condition of the new wheat crop of Australia is good.

Belgium.- The wheat yield of Belgium is reported to be slightly below that of ordinary years. Oats, rye and barley crops show heavy deficits.

Canada.- The sowing of fall wheat is finished in Ontario and in many cases the wheat is up and looking well. The acreage is reported to be about average.

## SUMMARY OF FOREIGN CROP PROSPECTS, -CONT'D.

SMALL GRAINS, -CONT'D.

France.- The wheat crop of France, for 1922 is estimated to be 235,380,000 bushels as compared with 323,467,000 bushels in 1921, rye 37,600,000 bushels as against 44,392,000 bushels, barley 39,540,000 bushels as compared with 38,318,000 bushels and oats 288,250,000 bushels as compared with 244,455,000 bushels.

Experiments carried out in conformity with the Government's requirements show that the flour milled according to official regulation will have an extraction of approximately 77 per cent.

Germany.- The wheat yield of Germany is estimated to be 69,670,000 bushels, a reduction of 38,130,000 bushels from the yield of last year. The rye harvest was estimated at 210,580,000 bushels as compared with 267,648,000 bushels last year and the oats harvest 284,600,000 bushels as compared with 344,812,000 bushels a year ago.

India.- Sowing of the new wheat crop is progressing well in India and the prospects so far are excellent.

Norway.- The condition of wheat in Norway on the first of October was considerably poorer than it had been the first of September. Oats also have deteriorated. The condition of the rye and barley crops has improved during the month. Wheat and oats crops are considerably below average in condition.

Scotland.- The wheat crop of Scotland is generally healthy and vigorous. The barley crop is reported to be in fairly good condition. Reports on oats are more varied and on the whole less favorable than those for wheat and barley.

Yugoslavia.- According to a late unofficial estimate the wheat yield of Yugoslavia for 1922 is 47,800,000 bushels, which is a decrease from the former estimate and from the 1921 figure which amounted to 51,863,000 bushels. The rye harvest is estimated at 7,090,000 bushels as compared with 5,770,000 bushels last year. The barley crop is estimated to be 12,900,000 bushels as compared with 15,400,000 bushels last year and oats 15,800,000 bushels as compared with 14,760,000 bushels last year.

CORN.

Argentina.- Good weather during the first part of September caused a general improvement in the condition of Argentine corn. Plowing for the new corn crop was under way during August and September.

## SUMMARY OF FOREIGN CROP PROSPECTS, -CONT'D.

CORN, -CONT'D.

Egypt.- The corn crop of Egypt is reported to be backward this year on account of the shortage of water for irrigating purposes.

Honduras.- Crops of the central and western sections of Honduras have been severely affected by the deficient rainfall of the past few months. The corn crop is practically lost.

Hungary.- This year's corn crop in Hungary is officially forecasted, according to a report by Broomhall, to be a little smaller than that of last year. The slight decrease is attributed to the restricted acreage, the actual yield per acre being higher than last year.

Rumania.- The condition of the corn crop in Rumania as a whole is poor. Owing to the drought the cobs have ripened before maturity and there are many instances of insect damage. In Transylvania the crop is reported to be a failure.

Yugoslavia.- A recent unofficial estimate of the corn crop of Yugoslavia places the yield at between 55,000,000 and 59,000,000 bushels as compared with the estimated production for 1921 of 75,178,000 bushels.

ROOT CROPS.

Belgium.- Excellent crops of potatoes and sugar beets are expected in Belgium this year.

France.- The sugar beet crop of France is expected to be about normal this year.

Germany.- The potato crop of Germany is estimated to be good.

Hungary.- The potato and sugar beet crops of Hungary are appreciably smaller than in 1921.

Mexico.- The prospect for a potato crop in Fronteras Valley of Mexico is below normal.

Poland.- The potato crop of Poland according to a recent forecast is 1,029,000,000 bushels which is 412,000,000 bushels more than the yield of 1921.

Yugoslavia.- The root crops of Yugoslavia have improved as a result of the cool, rainy weather during the first part of September.



## SUMMARY OF FOREIGN CROP PROSPECTS, -CONT'D.

COTTON.

Brazil. - The production of cotton in Brazil as a whole is reported to be good.

Egypt. - The boll worm is reported to have attacked 15 to 25 per cent of the cotton bolls in Lower Egypt. In Upper Egypt and Fayoun about 10 per cent of the bolls have been damaged. The condition of the crop was reported to be 92 per cent of normal in Lower Egypt on the first of September, 94 per cent in middle Egypt and 101 per cent in Upper Egypt. Picking is in progress.

India. - The outlook for the cotton crop in India as a whole is assuring although in portions of the Punjab and the United Provinces excessive rains and in the Deccan lack of rain have been unfavorable to the best growth of the crop.

FRUITS AND NUTS.

Austria. - The apple crop of Austria has given promise of being very abundant. The pear crop is fair. Cider fruits are not so plentiful as the table fruits. Returns for the plum and prune crops are varied. The walnut crop is good.

Brazil. - According to an unofficial report present indications are that the yield of Brazil nuts this season will be 5,000 tons more than in 1921.

Czechoslovakia. - The crops of apples, pears and plums are fair to good in the Czechoslovak state of Bohemia.

England. - The apple crop of England is stated to be a little below average. The pear crop is somewhat better and the plum crop is very good.

France. - The apple and pear crops of France are slightly above average, prunes are about average.

Germany. - Germany is reported to have a good crop of apples and pears. The plum crop is also expected to be very good in Wurtemberg.

Holland. - Tree fruit crops are all heavy in Holland. Apple, pear and plum crops are all large. The yield of peaches, nearly all grown in hot houses, is much greater than usual, and of fine quality.

Italy. - The grape harvest of Italy is reported to have been of good quality and the general outlook is favorable. The nut crops of Italy are excellent in quality but below normal in quantity.

## SUMMARY OF FOREIGN CROP PROSPECTS, -CONT'D.

FRUIT AND NUTS. -CONT'D.

Scotland.-- Small fruits have given an average yield in most cases in Scotland. Apples and pears promise well in Southeast Perth, northwest Lanark and Wigtown and the yield should be about normal. In northwest Lanark and southeast Perth plums are expected to give a good or average yield but in Wigtown they are practically a failure.

Spain.-- Heavy rains have failed to hurt the grape crop of the Malaga district of Spain and the production is expected to be large this year. The fig output is estimated at 8,000 tons this year against 5,000 tons last year.

Yugoslavia.-- A good average crop of plums and prunes is reported in Yugoslavia. Reports of the apple and pear crops are less favorable.

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## NUMBER OF SWINE IN PRINCIPAL PRODUCING COUNTRIES.

Country.	Pre-war Estimate.		Recent Estimate.	
	Date	Number.	Date	Number.
China .....	1914	76,819,000		
United States .....	1914	58,933,000	1922	56,966,000
Brazil .....	1912-13	18,399,000	1920 <sup>a</sup>	16,169,000
Germany .....	1913 <sup>b</sup>	25,659,000	1921	15,876,000
Russia (European and Asiatic, Poland excepted).....	1913	16,353,000	1921	13,501,000
Poland <sup>c</sup> .....	1913	491,000	1921	5,101,000
France .....	1913	7,036,000	1921 <sup>b</sup>	5,166,000
Spain .....	1913	2,710,000	1921 <sup>a</sup>	5,152,000
Canada .....	1913	3,448,000	1921	3,905,000
United Kingdom .....	1913	3,306,000	1921	3,639,000
Austria .....	1910 <sup>a d</sup>	6,432,000	1920	1,189,000
Czechoslovakia .....	.....	.....	1920	2,015,000
Hungary .....	1913 <sup>d</sup>	6,825,000	1920	3,320,000
Bosnia-Herzegovina...	1910 <sup>a</sup>	527,000	.....	.....
Croatia-Slavonia ....	1911	1,164,000	.....	.....
Serbia .....	1910 <sup>a</sup>	266,000	.....	.....
Yugoslavia .....	.....	.....	1921	3,281,000
Argentina .....	1914 <sup>a</sup>	2,901,000	1919	3,199,000
Phillippine Islands..	1913	2,087,000	1919	3,130,000
Indo-China .....		.....	1916	2,663,000
Rumania .....	1911	1,021,000	1920	2,514,000
Italy .....	1908 <sup>a</sup>	2,508,000	1918	2,339,000

(Source: Compiled from Official Sources).

Note:- Pre-war and recent estimates are given for practically the same territory in central, Eastern and Southeastern Europe although partly under new names.

a. Census figure.

b. Alsace-Lorraine included.

c. Pre-war estimate is for congress or Former Russian Poland while the latest estimate gives the number of live stock within the Polish Frontier in 1921.

d. Old boundaries.

## NUMBER OF SWINE IN ARGENTINA.

Date.	Swine.	Date.	Swine.
1888 * .....	394,000	December 31, 1913 ...	3,197,000
1895 * .....	653,000	June 1, 1914 * .....	2,901,000
1908 * .....	1,404,000	December 31, 1915 ...	.....
December 31, 1909 .....	.....	Estimate 1917 .....	3,260,000
" " 1910 .....	.....	December 31, 1918 ...	3,227,000
" " 1911 .....	2,900,000	1919 .....	3,199,000
" " 1912 .....	3,045,000		

(Sources: Census de la Republica Argentina.. Estadistica Agricola Boletin Mensual de Estadistica Agricola).

\* Census.

## NUMBER OF SWINE SLAUGHTERED IN ARGENTINA AND THE EXPORTS OF FROZEN AND CHILLED PORK FOR THE YEARS 1915 TO 1921

Calendar Years.	Number of swine slaughtered for exportation and domestic consumption. <u>a</u> .	Exports of Frozen and Chilled Pork
	Number.	Pounds.
1915 .....	43,172	1,955,480
1916 .....	74,317	2,965,187
1917 .....	193,383	1,684,314
1918 .....	149,166	2,270,738
1919 .....	209,183	9,038,860
1920 .....	320,634	28,199,039
1921 .....	287,125	<u>b</u> 25,750,751

(Source: Boletin Mensual de Estadistica Agricola; January 1916, p. 3 and 6. Feb. 1917, page 34; January 1918, page 5; April 1918, page 71, January 1919, page 10; January 1920, page 7; December 1920, page 207; January 1921, page 9; January 1922, page 7; April 1921, page 61; may 1921, page 89. April 1922, page 75, 84; June 1922, page 143.)

a. In freezing, salting and preserved meat plants.

b. Preliminary.

## NUMBER OF SWINE IN CANADA 1913 TO 1921.

Year.	Number.	Year.	Number.
June 30 -		June 30 -	
1913 .....	3,445,000	1918 .....	4,290,000
1914 .....	3,434,000	1919 .....	4,040,000
1915 .....	3,112,000	1920 .....	3,517,000
1916 .....	3,485,000	1921 .....	3,905,000
1917 .....	3,619,000		

(Source: Canada Yearbook 1918 and Monthly Bulletin of Agricultural Statistics - February 1922, page 56.)

OUTPUT OF PACKING PLANTS AND SLAUGHTER HOUSES IN CANADA 1918 AND 1920. a.

Item.	1918.	1919.	1920.
	1,000	1,000	1,000
	Pounds.	Pounds.	Pounds.
Beef (fresh) .....	335,196	317,463	297,298
Beef (cured) .....	4,970	12,105	8,977
Veal .....	10,049	20,310	22,572
Pork (fresh) .....	61,695	53,343	75,686
Pork (salted) .....	56,495	90,380	45,170
Hams, shoulders, bacon and sides:	199,148	178,200	173,319
Mutton and lamb .....	21,345	22,553	46,942
Canned meats .....	9,572	18,397	6,396
Lard .....	48,823	41,895	54,451

(Source: Live Stock and Animal Products Statistics, Dominion Bureau of Statistics, 1909-19, 1920 and 1921,

a. This includes all slaughtering and meat packing establishments inspected and uninspected with the exception of small local butchers. These plants numbered 78 in 1918; 82 in 1919 and 86 in 1920.



NUMBER OF SWINE SLAUGHTERED IN CANADA IN THE CALENDAR YEARS 1913-1921 ( IN INSPECTED ESTABLISHMENTS ).

Year	Number	Year	Number
1913 .....	1,624,650	1918 .....	2,271,639
1914 .....	2,255,429	1919 .....	2,331,876
1915 .....	2,613,461	1920 .....	1,785,235
1916 .....	2,319,478	1921 .....	1,636,299
1917 .....	2,083,516		

WEIGHT OF SWINE SLAUGHTERED AND PRODUCTION OF FRESH AND SALTED PORK BACON, HAMS AND LARD IN CANADA, INDUSTRIAL CENSUSES 1917-20.\*

Year	Number of plants	Swine slaughtered	Meat Produced			
			Pork (Fresh)	Pork (Salted)	Hams, shoulders, Bacon and Sides	Lard
		Pounds <sup>1</sup>	Pounds	Pounds	Pounds	Pounds
1917 .....	79	330,168,511	81,962,707	40,930,979	286,215,248	37,319,352
1918 .....	78	326,319,669	61,694,723	56,495,108	199,148,132	48,822,999
1919 .....	82	334,882,980	53,745,452	90,379,798	178,200,192	41,894,907
1920 .....	86	288,930,695	75,686,123	45,170,076	173,319,135	54,451,386

\* Includes all slaughtering and meat packing establishments inspected and uninspected with the exception of small local butchers.

<sup>1</sup> Probably dressed weight.

## EXPORTS OF PORK FROM CANADA DURING THE FISCAL YEARS, 1912-13 TO 1920-21.

Fiscal Year.	Total Exports.	Exports to the United Kingdom.
	Pounds.	Pounds.
1912-13.....	39,257,015	38,425,543
1913-14.....	27,686,759	25,376,473
1914-15.....	118,737,555	88,890,633
1915-16.....	166,813,891	161,729,754
1916-17.....	227,003,604	227,534,500
1917-18.....	217,693,023	212,806,513
1918-19.....	164,647,500	154,100,557
1919-20.....	237,946,700	227,043,800
1920-21.....	104,455,600	99,092,800

Sources: Live Stock and Animal Products Statistics, 1909-19, pages 45, 49, 86 - Year 1920 p. 29, 30 and 31, 57 and 1921, p. 25, 26, 27 and 56.

## NUMBER OF LIVE STOCK IN THE STATE OF SAO PAULO BRAZIL DURING THE YEARS 1912, 1916 AND 1920.

Live Stock.	1912.	1916.	September 1, 1920.
Cattle.....	1,322,390	1,792,880	2,441,989
Swine.....	1,933,930	2,744,400	2,934,158
Sheep.....	181,860	149,480	95,835
Goats.....	297,070	346,610	252,711
Horses.....	508,990	497,970	439,803
Mules and Asses.....	416,700	372,230	326,079

(Source: Ministerio de Agricultura, Industria e Commercio, Directoria Geral de Estadistica, Estimativo do gado existente no Brazil em 1916. Year 1920 Recenseamento Realizado em 1 de Setembro de 1920, p. 7).

## LIVE STOCK SLAUGHTER IN THE STATE OF SAO PAULO, BRAZIL 1919 - 1921.

The three freezing plants in operation in Sao Paulo during the last three years slaughtered the following numbers of animals.

Kind.	1919.	1920.	1921.
Cattle.....	238,664	208,303	148,577
Swine.....	65,182	76,927	52,879
Sheep.....	2,253	2,598	1,923

## MEAT PRODUCTION IN THE STATE OF SAO PAULO, BRAZIL 1919 - 1921

Meat.	1919.	1920.	1921.
	Pounds.	Pounds.	Pounds.
Frozen.....	76,607,000	69,642,000	36,509,000
Chilled.....	10,162,000	14,109,000	20,876,000
Fresh.....	28,696,000	11,967,000	19,534,000
Preserved.....	5,420,000	329,000	132,000
Other Products.....		23,097,376	5,196,000

## EXPORTATION OF FROZEN AND PRESERVED MEAT FROM THE STATE OF SAO PAULO, BRAZIL 1915 - 1921.

Year.	Frozen Meat.	Preserved Meat.	Year.	Frozen Meat.	Preserved Meat.
	Pounds.	Pounds.		Pounds.	Pounds.
1915 ...	17,519,394	205,744	1919 ..	70,621,574	6,344,277
1916 ...	41,201,430	798,447	1920 ...	72,112,466	1,257,001
1917 ...	64,230,481	2,418,726	1921 ...	54,394,823	1,619,429
1918 ...	71,990,856	6,155,438			

(Source: Revista da Associacao Commercial de Sao Paulo, February 1922, p. 86 and July 1922, page 384.)

## NUMBER OF SWINE IN DENMARK 1909 TO 1921.

Year.	Number.	Year.	Number.
July 15		July 15	
1909.....	1,468,000	1919.....	716,000
1914.....	2,497,000	1920 <u>a</u> .....	1,008,000
1915 <u>b</u> .....	1,919,000	1920 <u>c</u> .....	1,116,000
1916 <u>d</u> .....	1,983,000	1921 <u>a</u> .....	1,327,000
1917.....	1,651,000	1921 <u>c</u> .....	1,430,000
1918.....	621,000	1922.....	.....

(Source: Statistisk Årsbok 1921, page 52 and 53 and 1920, page 62 and 63.

Kreaturholdet og Arvendelsen of Landbrugs, arealet 1921, page 1).

a. Includes incorporated South Jutland provinces where census was taken in October 1920.

b. Estimate of May 15.

c. Excluding South Jutland.

d. Estimate of February 29.

## NUMBER OF SWINE SLAUGHTERED FOR EXPORT IN DENMARK DURING THE YEARS 1911 - 1921 AND DURING THE FIRST SEVEN MONTHS OF 1921 AND 1922.

Year.	Number.	Year.	Number.
1911.....	2,211,197	1913 .....	324,263
1912.....	2,423,564	1919 .....	456,385
1913.....	2,404,870	1920 .....	930,260
1914.....	2,858,294	1921 .....	1,641,194
1915.....	2,593,549	1921 (Jan. 1 to July 31).	853,682
1916.....	2,542,353	1922 " " " " "	1,183,935
1917.....	2,479,451		

(Source: Statistiske Efterretninger, September 6, 1922, page 149.)

The tremendous slump in the Danish hog business during the war is to be explained by the inability to get foreign corn and oil cake for feed.



EXPORTS OF HOG PRODUCTS FROM DENMARK IN 1914, 1920, 1921 AND THE FIRST SIX MONTHS OF 1922.

The following table shows the exports of hog products. While bacon is not segregated in the statistics, it forms the bulk of the trade.

Year.	Hog Products.
	Tons. <sup>a</sup>
1914.....	157,803
1920.....	45,814
1921.....	85,873
1922 (first 6 months).....	52,433

(Source: Department of Commerce Representative, Copenhagen, Denmark, August 23, 1922).

a. Kind of ton not stated. Probably metric ton which is equivalent to 1.1023 short tons.

NUMBER OF SWINE IN GREAT BRITAIN AND IRELAND AND THE SUPPLY OF HOME PRODUCED AND IMPORTED PIG MEAT IN THE UNITED KINGDOM DURING THE YEARS 1900 TO 1921.

Year.	: Number of Swine :		Year ending May 31.	: "Pig Meat" Supplies. :		
	: in - :			: Home : : :		
	: Great :	: Ireland.:		: Produced. :	: Imported. :	: Total. :
	: Thousands:	: Thousands		: Thousands :	: Thousands :	: Thousands of
	:	:		: of pounds.:	: of pounds. :	: pounds. :
1900...	: 2,382 :	: 1,269 :	1900-01....	: 899,248 :	: 950,992 :	: 1,850,240 :
1910...	: 2,350 :	: 1,200 :	1910-11....	: 831,040 :	: 612,192 :	: 1,443,232 :
1913...	: 2,234 :	: 1,060 :	1913-14....	: 743,680 :	: 748,150 :	: 1,491,830 :
1914...	: 2,634 :	: 1,306 :	1914-15....	: 907,200 :	: 822,080 :	: 1,729,280 :
1915...	: 2,579 :	: 1,205 :	1915-16....	: 884,800 :	: 1,008,000 :	: 1,892,800 :
1916...	: 2,314 :	: 1,290 :	1916-17....	: 784,000 :	: 999,040 :	: 1,783,040 :
1917...	: 2,051 :	: 947 :	1917-18....	: 459,200 :	: 1,001,280 :	: 1,460,480 :
1918...	: 1,825 :	: 974 :	1918-19....	: 392,000 :	: 1,173,760 :	: 1,565,760 :
1919...	: 1,936 :	: 973 :	1919-20....	: 537,600 :	: 918,400 :	: 1,456,000 :
1920...	: 2,122 :	: 982 :	1920-21....	: 672,000 :	: 739,200 :	: 1,411,200 :
1921...	: 2,651 :	: 977 :		:	:	:

(Sources: Great Britain, Agricultural Statistics, Ministry of Agriculture and Fisheries, England, Years 1914-1921.

Ireland, Dept. of Agr. and Tech. Inst. for Ireland, preliminary Statement on June 1, 1921.)



## IMPORTS OF PORK AND PORK PRODUCTS INTO THE UNITED KINGDOM.

Calendar Years.	Fresh Pork. <sup>a</sup>	Salted Pork.	Bacon.	Hams.	Total "Pig Meat".
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
1900.....	77,884,240:	27,857,536:	631,818,656:	201,899,040:	939,459,472
1910.....	53,749,584:	25,445,392:	432,699,568:	80,542,112:	592,436,656
1913.....	55,357,568:	26,946,864:	544,083,680:	95,759,440:	722,147,552
1914.....	96,454,756:	29,247,792:	570,984,960:	93,948,960:	790,636,448
1915.....	30,162,160:	11,971,904:	730,618,224:	165,811,296:	938,563,584
1916.....	32,847,472:	4,677,344:	832,826,960:	174,141,632:	1,044,495,408
1917.....	18,079,824: <sup>b</sup>	2,548,000:	735,557,088:	152,178,592:	888,363,504
1918.....	11,161,248: <sup>b</sup>	1,309,392:	1,175,038,944:	174,153,616:	1,359,563,200
1919.....	15,253,168: <sup>b</sup>	2,696,288:	927,494,176:	203,075,248:	1,148,516,880
1920.....	56,244,048:	2,611,840:	628,502,560:	36,527,512:	725,685,760
1921.....	72,871,680:	3,434,592:	655,912,032:	126,253,968:	858,472,272
7 mos. end- ing 1921..	36,486,576:	1,701,056:	377,783,952:	61,564,576:	477,336,160
7 mos. end- ing 1922..	39,532,304:	5,644,300:	367,562,048:	102,180,064:	514,919,216

<sup>a</sup>. Includes chilled and frozen.<sup>b</sup>. Frozen pork, no fresh reported.

Year.	Lard and Lard Substitutes.		Total
	Lard	Substitutes.	
	Pounds.	Pounds.	Pounds.
1900.....	215,854,688	7,989,134	223,843,822
1910.....	162,679,216	30,845,136	193,524,352
1913.....	224,600,320	25,164,128	249,764,448
1914.....	197,691,984	28,307,104	225,999,088
1915.....	247,568,832	24,005,968	271,574,800
1916.....	216,588,624	16,894,752	233,483,376
1917.....	168,021,728	5,954,368	173,976,096
1918.....	309,165,248	2,998,688	312,163,936
1919.....	243,974,080	12,080,320	256,054,400
1920.....	162,008,000	4,074,560	166,082,560
1921.....	254,775,360	12,109,440	266,884,800
7 mos. ending July: 31, 1921.....	151,580,800	5,687,360	157,268,160
7 mos. ending " 31, 1922.....	153,229,440	5,965,120	159,194,560

Sources: Agricultural Statistics, Ministry of Agriculture and Fisheries 1914, Trade and Navigation of the United Kingdom, years 1915-1920. Accounts relating to Trade and Navigation of the United Kingdom, December 1921 and July 1922.

## NUMBER OF SWINE IN SWEDEN DURING THE YEARS 1913, 1919.

Year.	Number.	Year.	Number.
June 1 -		June 1 -	
1913 .....		1917 .....	1,030,000
1914 ..... <sup>a</sup>	1,023,000	1918 .....	634,000
1915 .....	891,000	1919 .....	717,000
1916 .....	1,065,000		

(Source: Statistisk Årsbok for Sverige, 1922, page 38).

<sup>a</sup>. Estimated average.

## THE SWEDISH BACON INDUSTRY, 1921.

There were 36 bacon factories operating in Sweden in 1921, 28 being export factories and 8 municipal slaughter-houses. The export factories killed 305,000 pigs of which 166,000 were converted into bacon and exported principally to Great Britain, altogether 21,618,000 pounds for the year. The municipal slaughter-houses killed 136,000 pigs. Of the 28 export factories 24 or 25 are co-operative and 3 or 4 are private establishments.

(Source: Smor-Tidende, June 16, 1922).

## TRADE IN LARD AND PORK OF SWEDEN.

Year.	Exports.	Imports.
	Pounds.	Pounds.
1913 .....	17,435,300	5,762,163
1914 .....	32,460,089	4,066,605
1915 .....	41,705,080	6,195,307
1916 .....	31,114,622	3,726,215
1917 .....	10,507,344	14,603,932
1918 .....	8,157	1,663,812
1919 .....	3,570,350	59,425,434
1920 .....	7,700,895	21,794,455
1921 .....	31,352,498	9,682,821

(Source: Statistisk Årbok for Sverige, 1922, page 119).

## NUMBER OF LIVE STOCK IN THE STATE OF SOUTH AUSTRALIA ON JUNE 30, 1921.

Live Stock	June 30, 1920	June 30, 1921
	Number	Number
Cattle:		
Dairy .....	137,857	152,178
Total .....	349,552	376,399
Horses .....	264,901	268,187
Sheep:		
Ewes .....	2,642,208	2,671,791
Total .....	6,014,565	6,359,944
Pigs .....	60,295	78,395
Goats .....	8,252	8,422

(Source: Statistical Register of the State of South Australia 1920-21  
Production Part V p. XVIII).

EXPORTS OF FRESH PORK FROM THE UNITED STATES BY COUNTRIES, CALENDAR YEARS  
1918-1921.

Countries	Calendar Years			
	1918	1919	1920	1921
	Pounds	Pounds	Pounds	Pounds
Belgium .....	.....	706,255	446,582	337,319
France .....	433,701	2,019,460	1,230,610	5,625
Germany .....	.....	.....	3,069,949	12,452,623
Italy .....	26,000	.....	.....	.....
United Kingdom .....	9,500,417	1,197,244	19,404,504	17,039,598
Canada .....	1,084,952	21,305,577	12,717,549	23,915,301
Cuba .....	386,659	545,315	732,999	973,925
Panama .....	1,322	181,100	197,332	517,716
Other Countries .....	200,004	222,026	455,105	831,156
Total .....	11,632,635	26,776,973	38,305,256	56,085,263

(Source: Bureau of Foreign and Domestic Commerce).

EXPORTS OF PICKLED PORK FROM THE UNITED STATES BY COUNTRIES, CALENDAR  
YEARS 1918-1921.

Countries.	Calendar Years.			
	1918.	1919.	1920.	1921.
	Pounds.	Pounds.	Pounds.	Pounds.
Belgium .....	25,295	1,496,050	616,760	651,921
Denmark.....	.....	312,150	946,369	428,260
France .....	302,254	605,398	560,187	144,572
Germany .....	.....	369,424	558,049	1,616,761
Italy .....	236,487	209,410	27,072	37,082
Netherlands .....	.....	1,345,353	1,224,814	214,968
Norway .....	200	3,193,995	616,062	1,037,782
Russia in Europe ...	.....	10,565	.....	170,281
Sweden .....	.....	547,225	71,631	5,550
United Kingdom .....	2,102,744	3,378,871	1,902,869	4,031,010
British Honduras....	538,962	417,997	620,294	535,268
Canada .....	14,708,735	8,372,796	15,430,971	11,755,367
Panama .....	135,720	124,683	240,872	235,256
Newfoundland and Labrador .....	6,303,799	4,833,214	4,248,954	4,577,400
British West Indies. :	1,887,513	1,026,405	2,251,061	2,295,530
Cuba .....	7,659,139	6,560,934	4,775,388	1,315,787
Haiti .....	739,655	464,678	988,996	1,071,404
British Guiana.....	1,040,430	205,700	901,185	614,975
Dutch Guiana .....	273,200	143,028	376,542	250,725
Other Countries ....	717,427	495,968	1,601,435	1,664,708
Total .....	36,671,660	34,113,875	33,706,841	32,842,607

(Source: Bureau of Foreign and Domestic Commerce).



EXPORTS OF CANNED PORK FROM THE UNITED STATES BY COUNTRIES, CALENDAR  
YEARS 1918-1921.

Countries.	Calendar Years.			
	1918.	1919.	1920.	1921.
	Pounds.	Pounds.	Pounds.	Pounds.
Austria-Hungary .....	.....	354,612	<sup>a</sup> 72	.....
Belgium .....	.....	166,637	5,604	.....
France .....	2,512,844	1,011,205	98,649	.....
Italy .....	329,760	215,098	25,343	.....
Netherlands .....	.....	310,877	71,169	.....
Norway .....	.....	9,527	.....	.....
Sweden .....	.....	138,169	.....	.....
United Kingdom .....	1,994,851	3,038,054	1,209,065	966,141
Canada .....	232,859	63,465	21,409	49,172
Newfoundland and Labrador .....	34,676	93,453	19,350	33,200
Cuba .....	56,956	24,260	78,140	22,975
Argentina .....	31,146	19,445	34,123	31,116
Australia .....	687	7,445	16,633	414
Egypt .....	101,250	176	.....	1,134
Other Countries .....	172,313	310,965	222,184	45,930
Total .....	5,267,542	5,791,706	1,802,241	1,150,082

(Source: Bureau of Foreign and Domestic Commerce).

<sup>a</sup>. Austria only.



EXPORTS OF LARD FROM THE UNITED STATES BY COUNTRIES, CALENDAR YEARS  
1918-1921.

Countries.	Calendar Years.			
	1918.	1919.	1920	1921.
	Pounds.	Pounds.	Pounds.	Pounds.
Austria Hungary .....	.....	15,184,252	<sup>a</sup> 2,919,490	<sup>a</sup> 467,267
Belgium .....	116,784,152	155,802,228	55,021,415	51,564,655
Denmark .....	75,000	33,505,333	6,329,275	9,506,063
Finland .....	.....	2,771,503	462,524	2,773,306
France .....	35,841,676	96,296,935	48,755,791	40,102,085
Germany .....	.....	39,495,017	127,836,003	278,044,966
Gibraltar .....	.....	3,867,419	197,122	273,663
Italy .....	1,145,112	2,465,197	23,153,676	11,744,562
Netherlands .....	.....	68,596,924	91,297,867	76,964,941
Norway .....	1,020	1,257,190	1,018,106	1,578,772
Russia in Europe .....	496,854	72,100	656	736,303
Sweden .....	560,295	24,433,937	5,000,274	5,591,622
Switzerland .....	12,609,344	32,247,743	1,912,574	4,614,346
United Kingdom .....	309,987,044	219,306,542	128,771,843	252,204,210
Canada .....	2,478,926	5,090,459	12,730,298	12,706,087
Costa Rica .....	79,486	63,494	360,724	156,267
Honduras .....	81,451	58,556	227,438	523,506
Panama .....	160,058	77,883	219,522	603,186
Mexico .....	15,452,095	7,134,448	17,302,006	43,457,727
Newfoundland & Labrador .....	183,925	398,396	461,626	141,182
British West Indies.....	180,151	213,048	385,859	274,430
Cuba .....	46,008,414	44,766,460	65,720,975	72,310,640
Haiti .....	1,374,576	1,138,353	1,950,140	1,312,275
Dominican Republic .....	1,313,777	822,086	2,311,519	3,333,100
Brazil .....	50	308,560	9,390	.....
Chile .....	182,067	166,056	491,429	44,550
Colombia .....	84,215	138,348	1,475,321	190,777
Ecuador .....	1,339,946	2,407,180	2,897,992	2,951,759
Peru .....	1,080,095	944,742	2,413,735	3,323,021
Venezuela .....	42,193	50,857	1,721,615	967,630
British So. Africa .....	5,023	34,604	277,434	141,495
Other Countries .....	1,271,156	1,738,821	8,616,307	10,338,176
Total .....	548,817,901	760,901,611	612,249,951	868,941,569

(Source: Bureau of Foreign and Domestic Commerce).

<sup>a</sup>. Austria only.

EXPORTS OF BACON FROM THE UNITED STATES BY COUNTRIES, CALENDAR YEARS  
1918 - 1921.

Countries.	Calendar Years.			
	1918.	1919.	1920.	1921.
	Pounds.	Pounds.	Pounds.	Pounds.
Austria Hungary:.....		10,568,245: <sup>a</sup>	2,929,787	<sup>a</sup> 161,973
Belgium .....	67,44,015	90,823,437:	35,086,345	20,772,504
Denmark .....		39,039,833:	6,642,344	4,609,561
Finland .....		13,700,781:	582,125	5,113,650
France .....	98,496,402	178,431,234:	25,040,866	12,154,385
Germany .....		55,449,694:	76,035,297	54,133,512
Gibraltar .....		5,529,931:	777,175	1,079,789
Italy .....	98,079,060	48,128,149:	18,844,911	9,107,503
Netherlands .....		112,028,898:	61,734,267	28,830,301
Norway .....		26,153,222:	6,760,290	11,109,890
Russia in Europe ....	8,172,879	847,581:	1,150	200,527
Spain .....		532,677:	3,044,951	2,552,729
Sweden ....	1,380,601	51,891,124:	17,410,673	7,261,939
United Kingdom ....	789,253,478	507,184,219:	344,555,982	209,351,963
Canada .....	24,454,474	34,253,197:	12,473,768	13,980,969
Cuba .....	16,101,308	15,956,981:	21,190,318	27,241,057
Brazil .....	1,777	8,786:	10,815	.....
Philippine Islands ..	13,420	25,073:	19,969	57,212
Other Countries .....	1,090,767	1,947,402:	3,509,539	7,436,408
Total .....	1,104,788,081:	1,190,297,434:	656,675,572	415,336,152

(Source: Bureau of Foreign and Domestic Commerce).

<sup>a</sup>. Figure for Austria only.

EXPORTS OF CURED HAMS AND SHOULDERS FROM THE UNITED STATES BY COUNTRIES,  
CALENDAR YEARS 1918-1921.

Countries	Calendar Years			
	1918	1919	1920	1921
	Pounds	Pounds	Pounds	Pounds
Austria-Hungary .....	.....	1,935,863	<sup>a</sup> 794,556	.....
Belgium .....	5,853,423	30,054,740	6,596,959	7,567,604
Denmark .....	.....	5,282,356	37,822	92,123
France .....	30,336,829	103,201,727	26,203,164	1,398,164
Germany .....	.....	7,626,584	2,145,129	161,016
Gibraltar .....	.....	6,010,496	12,523	5,702
Italy .....	7,102,044	65,245,793	3,236,225	26,563
Netherlands .....	.....	8,569,661	1,589,470	1,902,602
Norway .....	48	4,358,920	247,502	1,764,723
Russia in Europe ....	483,540	1,591,167	3,750	.....
Sweden .....	603	2,820,714	87,642	26,721
United Kingdom .....	470,415,228	338,028,352	116,856,553	194,235,024
Canada .....	11,112,784	7,457,307	6,354,128	9,222,358
Panama .....	109,670	270,746	345,113	516,291
Cuba .....	8,707,061	9,853,103	15,612,342	10,192,526
All other .....	3,091,811	4,478,104	5,717,877	5,212,350
Total .....	537,213,041	596,795,663	185,246,755	232,323,797

(Source: Bureau of Foreign and Domestic Commerce).

<sup>a</sup>. 794,376 lbs. for Austria and 180 lbs. of Hungary.

FOREIGN EXCHANGE

Country	Monetary	Mint. Par	Rate of Exchange at New York on -		
			September	September	September
			23, 1922.	21, 1922	23, 1921
		\$	\$	\$	\$
Austria .....	Krone	.2026	.000013	.000014	.000582
Belgium .....	Franc	.1930	.0714	.0724	.0705
Bulgaria .....	Lev	.1930	.006257	.006417	.00652
Czechoslovakia ..	Krone	.2026	.030906	.03105	.010093
Denmark .....	Krone	.2680	.2066	.2097	.1785
Finland .....	Markka	.1930	.022013	.021638	.014557
Germany .....	Reichmark	.2382	.000594	.000711	.007989
France .....	Franc	.1930	.0757	.0766	.0712
Great Britain ...	Pound	4,8665	4,3884	4,4342	3,7315
Greece .....	Drachma	.1930	.0224	.0215	.0151
Hungary .....	Krone	.2026	.000396	.000406	.001479
Italy .....	Lira	.1930	.0422	.0424	.041
Netherlands .....	Florin	.4020	.3673	.3678	.3219
Norway .....	Krone	.2680	.1699	.1686	.1257
Poland .....	Polish Mark	.2382	.000113	.000132	.00015
Portugal .....	Escudo	1,0805	.0387	.0483	.1105
Rumania .....	Leu	.1930	.006159	.006647	.006438
Spain .....	Peseta	.1930	.1511	.1524	.1305
Sweden .....	Krona	.2680	.2635	.2651	.2234
Switzerland .....	Franc	.1930	.1864	.1870	.1731
Yugoslavia .....	Krone	.2026	.003419	.00356	.004425
	Dinar	.1930	.0137	.013417	.017767

(Source: Federal Reserve Board.)

